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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: David P. McConville et al.

Title: METHOD AND APPARATUS FOR FORMING PRINTED CIRCUIT BOARDS USING IMPRINTING AND GRINDING

Attorney Docket No.: 884.948US1

PATENT APPLICATION TRANSMITTAL

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

Return postcard.
 Utility Patent Application under 37 CFR 1.53(b) comprising:
 Specification (28 pgs, including claims numbered 1 through 30 and a 1 page Abstract).
 Drawing(s) (12 sheets).
 Unsigned Combined Declaration and Power of Attorney (4 pgs).

The filing fee (NOT ENCLOSED) will be calculated as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	30-20	10	x 18.00 =	\$180.00
INDEPENDENT CLAIMS	5-3	2	x 84.00 =	\$168.00
[]MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$750.00
TOTAL				\$1098.00

THE FILING FEE WILL BE PAID UPON RECEIPT OF THE NOTICE TO FILE MISSING PARTS.

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